Forest Insect & Disease Management

Report No. 80-3-15

Date Issued: 5/12/80

DETECTION OF SOUTHERN PINE BEETLE ACTIVITY,
U. S. ARMY CORPS OF ENGINEERS, WEST POINT LAKE

LAND OWNERSHIP OR SURVEY AREA: U. S. Army Corps of Engineers, West Point Lake

STATES: Georgia and Alabama

AREA WITHIN SURVEY BOUNDARY: 42,000 acres

DATE: April 17, 1980

PERCENT COVERAGE: 100%

AIRCRAFT: Cessna 210

CREW: E. T. Wilson, W. A. Carothers, Olin Dean (U. S. Army Corps of Engineers)

REPORT PREPARED BY: W. A. Carothers

SURVEY OBJECTIVES

To locate and accurately plot southern pine beetle infestations within the boundaries of the survey area.

RESULTS

One hundred and sixty six spots of dead and dying pines were observed (refer to map). The size of these spots ranged from one to several hundred trees per spot (Table 1). Southern pine beetle is the suspected cause of all the pine mortality.

CONCLUSIONS

Southern pine beetle activity remains at a high level in areas around West Point Lake. Forest Insect and Disease Management personnel from the Asheville Field Office will assist Corps of Engineers personnel in ground checking a sample of the observed spots to determine the potential for additional tree mortality. Field surveillance by Corps personnel should continue to assist with the early detection of potential insect and disease problems.

For any additional information, contact

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SOUTHEASTERN AREA, STATE & PRIVATE FORESTRY
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Table 1. Summary of Aerial Survey Data, U. S. Army Corps of Engineers, West Point Lake, April 17, 1980.

Infestation Size (# Trees)									
Spot Size Categories									
Spots:Trees 1-10		Spots:Trees 11-25		Spots:Trees 26-50		Spots:Trees 51-100		Spots:Trees 101+	
115	637	42	717	9	360	0	0	0	0